MEMO

DATE:

November 2, 2006

TO:

Transportation and Communications Committee

FROM:

Philip Law, Senior Regional Planner Specialist, law@scag.ca.gov, 213-236-1841

SUBJECT:

System Management at the Corridor Level: I-880 Example

SUMMARY:

The Transportation and Communications Committee will receive a presentation on the corridor system management plan currently being developed by Caltrans for the I-880 corridor in the Bay Area. The goal is to assess the lessons learned from the I-880 study as a potential template for staff to use in the evaluation of corridors in the SCAG region as part of the RTP development effort.

BACKGROUND:

The development of the corridor system management plan involves a detailed performance assessment of the corridor based upon data from various sources, including the Freeway Performance Measurement System (PeMS) and the Traffic Accident Surveillance and Analysis System (TASAS). Bottlenecks are then identified using PeMS, the Highway Congestion Monitoring Program (HICOMP), aerial photography, California Highway Patrol (CHP) logs, and other sources. To address the bottlenecks, different improvement scenarios are identified and evaluated using micro-simulation regional models.

Based upon this analysis, the plan will produce recommendations and performance improvement estimates. The concept of a system management plan is to develop comprehensive solutions that could include system monitoring and evaluation, intelligent transportation systems, incident management, and operational improvements, and not simply capacity expansion.

Reviewed

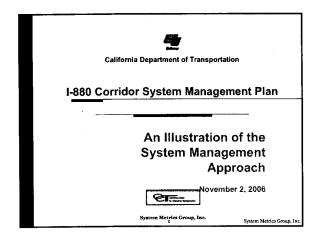
by:

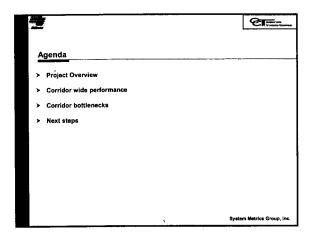
livision Mandaer

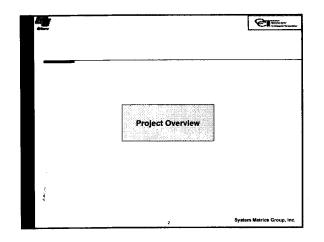
Affirmed by:

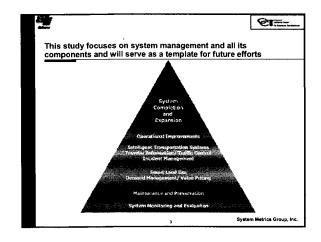
Department Director

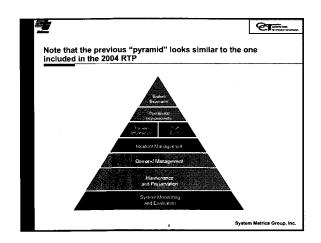


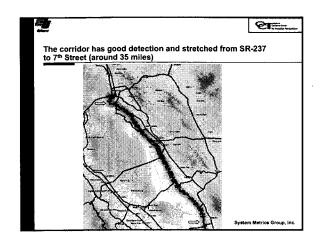


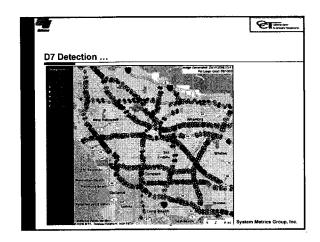


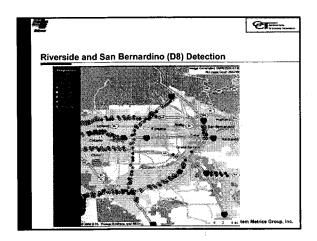


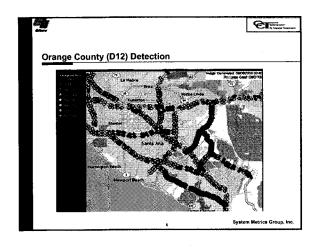


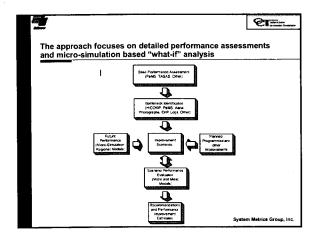


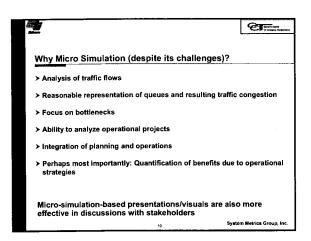


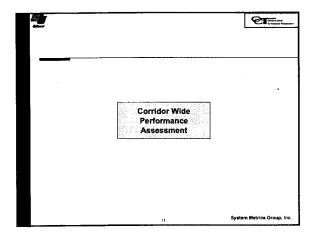


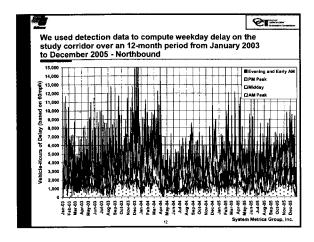


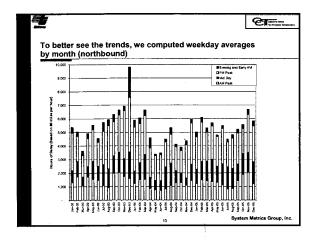


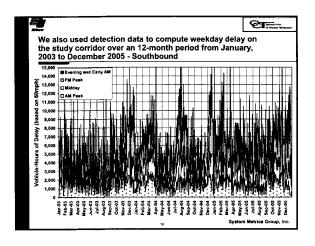


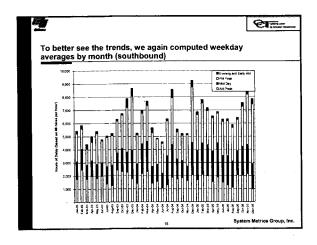


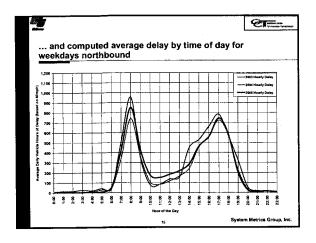


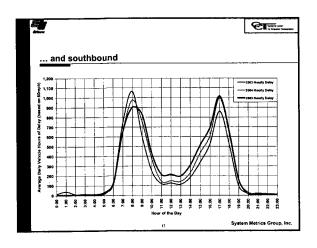


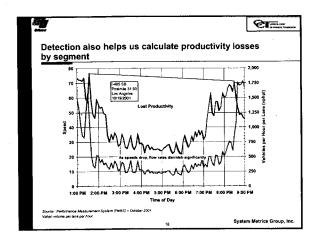


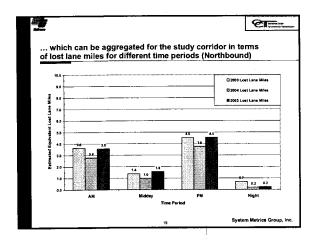


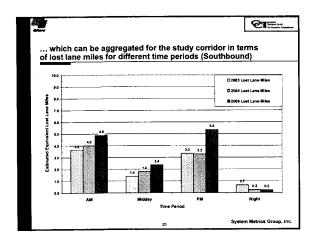


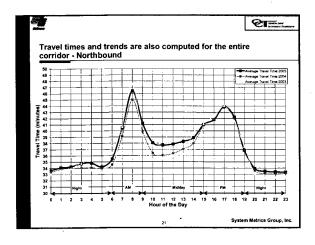


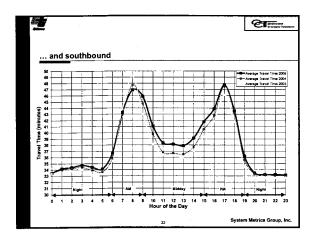


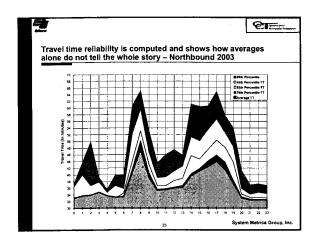


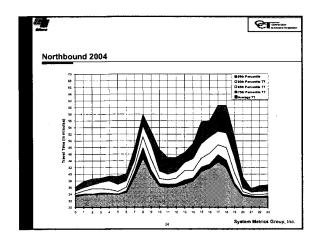


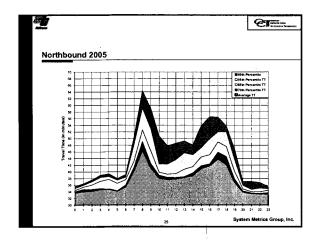


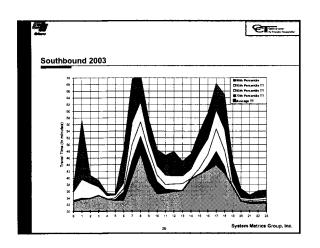


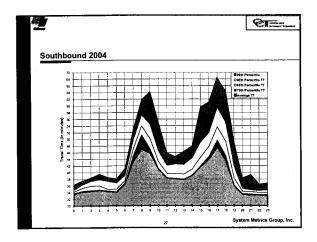


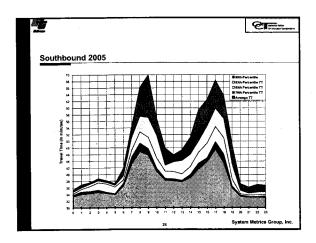


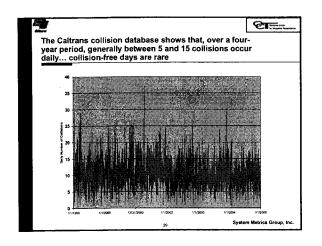


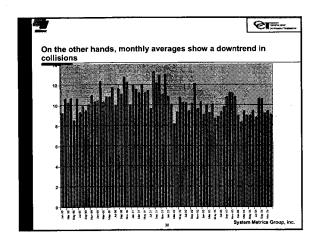


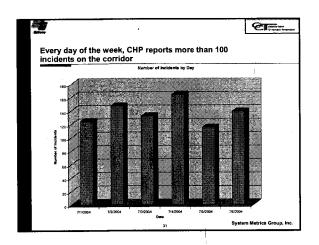


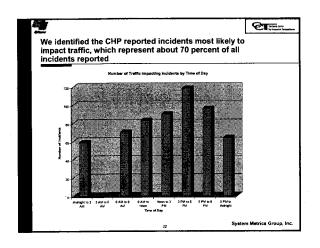


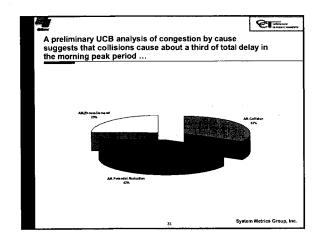


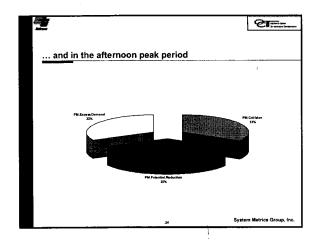


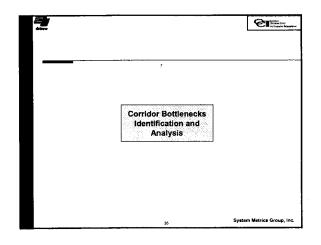


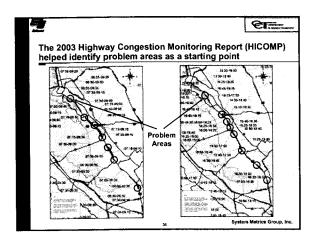


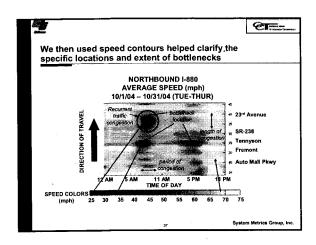


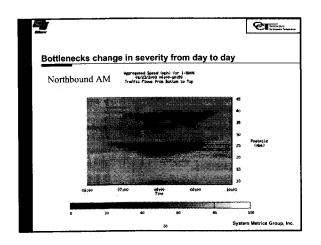


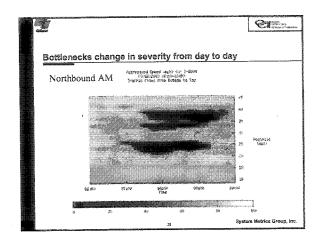


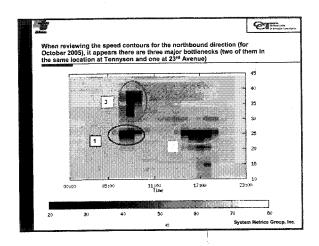


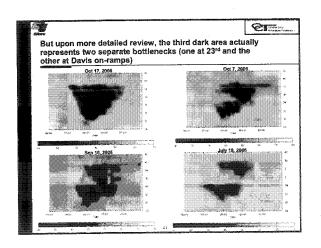


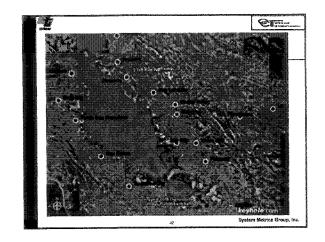


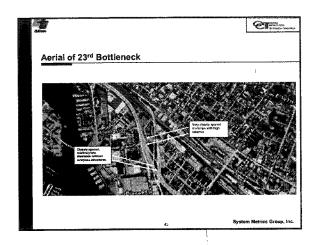


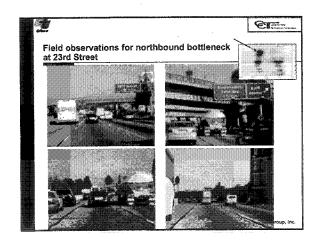


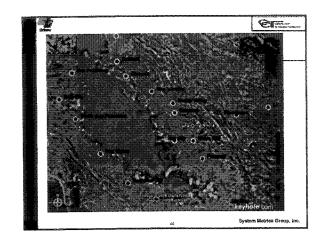


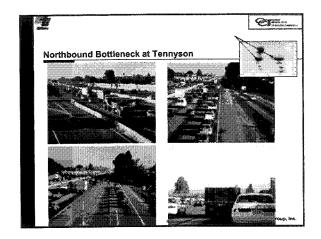




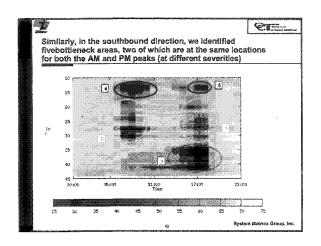


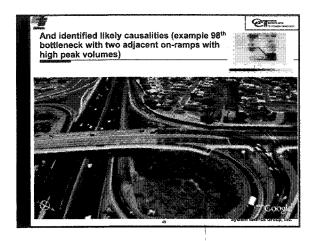


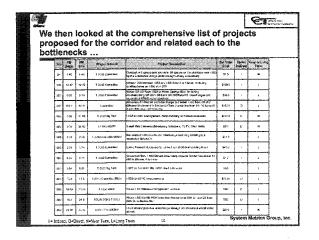












ha	ve	loc	ked at th	e comprehensive list c	of pro	_ ojec	ets
005	sec	i fo	r the cori	idor and related each	to th	e	
-	2	iw See	Project Section	Project Description	Est Total Dest	Direct material	ter et
800	22 65	22.83	T-2030 Contribution 10 Yr SHOPPIAN CTP THE *	1860 Mayora Black IC Implace overcreasing on 1865	160	۵	L
200	25 50	26.65	T 2000 Big TankAb CTP Ter	Construct audienty tene on 1860 behinsen Hegenberg (Bhd. and 1661 St. and shift marge point from Wo Hegenberg Rd. to 1460 on manp.	24.60	٥	L
890	25.90	31 60	1-2000 Big Tank/Alls CTP Tan	1-880 modernization and raino reconfiguration in Debland as identified of the 1880 Safety and Operations Shirty	TEED		,
860	25 50	31 158	7-2030 New Commitment	853 from Higgerberg Rd to 1 990 operationed exprovements (includes freight represent to Post of Casalina)	\$200		н
860	28.0	28.0	1-2030 Convention	Afric Anabeign St access improvements to 1860 in Oak, includes becausing and realignment of local elevels, connector roots, and names open electrologie	\$15.0	-	ı
860	20 00	20 00	1-2030 New Commitment	1-880/7901 Averuse elserch single ballety and access improvements	\$150		*
860	29 30	29-30	T-2030 Committee Plant 1	1 853/29th Avenue Marchange salety and access exprovements	8150		н
800	30 M	20 38	Y-2050 Committee	Parameters on and oil ramps from HB & SB (460 g) (8605m (c. IC	1200	-	,
860	30 36	30.30	T 2000 New Contribute	BROOM Ave merp reprovements	E000	1	ı
860	31 00	31.06	1 7000 Buy lant	Sec Call Si ramp reconstruction	\$30.0	1	ı
R00	31 10	31.10	1.2030 Big Timil / 2034 10 year SHOPP	1880 in Ostaino - ecutriscurd Das Geres on comp. combitos ecultory sera	17 E	0	L.
Mac.	51.20	2000	1-7000 Committee	1555 Structure y Jackson etenthangs improvements (FP ass 1)	1210	0	L
are	OFF	OFF	MACIP 12000 (MWH)	:850Dens St sveropeurg	\$107	0	
VAR	WAR	VAR	7 2030 By 164	Freeway Tradic Operations Systems (TCS)	\$755.9	P	N

OFF	T-2030 New committed/RM NAJe CTP	BART-Oatriand International Airport Connector	T		
005			\$254.3	†	Ŧ
	T-2030 New Commitment	AC Transit Bus Repld Transit (BRT) and Enhanced Bus, Phase 1: Telegraph Avenue/Internetional Boulevard consider	\$167.0	7	Ŧ
OFF	T-2000 New Com / ALA CTP- Tier 1	Yrenes oriented developmen (naturing replacement parking) at wasAnthur, West Gastand, and/or Collecum BART Susions	\$25.0	7	т
VAR	T-2030 Committed	AG Trensh bus comdox improvements	\$20.0	Ţ	т
VAR	T-2030 Committed	Capital Comider interrity real service (track capacity/frequency kmp. from Capitand to San Jose designed to allow 16 daily round trips between Capitand and Sacramento San Jose)	\$158.0	T	т
VAR	T 2030 Committed RM II	RM II Express Bus North Improvements (includes park and ride loss and rolling stock)	\$10.5	т	т
VAR	T 2030 Commigad' RM II	RM II Express Bus North Improvements (includes park and ride lots and rolling stock)	518.0	7	т
	VAR VAR	VAR	OFF Table Committed A Trains to control importance, and/or Colean BART Sectors UAX Table Committed A Trains to control importance, and/or Colean BART Sectors UAX Table Committed Colean Control immigration and in the description of the colean Col	Ter 1 Auchreut viere Castent, onlow Colean BAT Species 520. UAI T-space Committed Ad Treat has conden improvement (and capacity regions). UAI T-space Committed Colean Committee (and the colean capacity regions) and the colean capacity regions (and the colean capacity regions). UAI T-space Committed Colean Colean capacity regions (and the colean capacity regions). UAI T-space Committed Colean Co	207

